GB2004/003470

man.

			2004/0034/0
A. CLASSI IPC 7	FICATION OF SUBJECT MATTER B01D53/94 B01J23/63 B01J23/8	B01J23/50	
According to	International Patent Classification (IPC) or to both national classific	ation and IPC	
	SEARCHED		
Minimum do IPC 7	cumentation searched (classification system followed by classification $B01D$ $B01J$	on symbols)	
Documentat	ion searched other than minimum documentation to the extent that s	such documents are included in the fi	elds searched
	ata base consulted during the international search (name of data ba	se and, where practical, search terms	s used)
EPO-In	ternal, WPI Data, PAJ		
C DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with Indication, where appropriate, of the rel	evant passages	Relevant to claim No.
Calegory	Oracion of Cocument, Will Indicators, Whole appropriate, of the lea	evant passages	Tielevalii to daiii 140.
P,X	WO 2004/022229 A (UNIV CHICAGO) 18 March 2004 (2004-03-18) claims; figures; examples	·	1-33
X	EP 1 033 161 A (DORNIER GMBH) 6 September 2000 (2000-09-06) column 2, paragraph 13 - column 3 paragraph 14 column 3, paragraph 19 - column 4 paragraph 20; claims 1-7; figures	1,	1-33
X	EP 0 714 693 A (RIKEN KK) 5 June 1996 (1996-06-05) page 4, line 6 - page 5, line 50 page 8, line 50 - page 9, line 39 1,2,6,8-11,13); claims -/	1-33
χ Furth	er documents are listed in the continuation of box C.	χ Patent family members are I	Isted in annex.
'A' docume consid 'E' earlier of filing d 'L' docume which i citation 'O' docume other n 'P' docume later th	nt which may throw doubts on priority claim(s) or s cited to establish the publication date of another or other special reason (as specified) int referring to an oral disclosure, use, exhibition or neans nt published prior to the international filing date but an the priority date claimed	*T' later document published after the or priority date and not in conflic cited to understand the principle invention. *X' document of particular relevance cannot be considered novel or or involve an inventive step when the total comment of particular relevance cannot be considered to involve document to combined with one ments, such combination being in the art. *& document of the same p	it with the application but or theory underlying the calmed invention cannot be considered to the document is taken alone; the claimed invention an inventive step when the or more other such docuobvious to a person skilled latent family
	octual completion of the international search November 2004	Date of mailing of the internation: 23/11/2004	aı search report
Name and n	nailing address of the ISA European Patent Office, P.B. 5818 Palentlaan 2	Authorized officer	
	NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Eijkenboom, A	

GB2004/003470

	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	7-
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 947 235 A (MAZDA MOTOR) 6 October 1999 (1999-10-06) column 11, line 56 - column 12, line 3°°° column 13, line 34 - line 37; claims; figures	1-33
Х	EP 0 577 438 A (RIKEN KK) 5 January 1994 (1994-01-05) claims; examples 5,6	1–33
X	US 3 857 921 A (TAMURA N ET AL) 31 December 1974 (1974-12-31) table 1, run no. 5 table 2, example no. 7 claims	1-33
X	US 5 593 933 A (KUDLA ROBERT J ET AL) 14 January 1997 (1997-01-14) column 2, line 20 - line 41; claims	1-33
X	WO 02/16014 A (GILLESPIE ROBERT FREW; SHAWCROSS JAMES TIMOTHY (GB); RAYBONE DAVID (G) 28 February 2002 (2002-02-28) page 12, line 4 - line 18 claims 1,7-9	1-33
X	EP 0 671 208 A (HONDA MOTOR CO LTD) 13 September 1995 (1995-09-13) claims	1-33
		~
	·	

Information on patent family members

./GB2004/003470

Patent document cited in search report	Publication date		Patent family member(s)	Publication date
WO 2004022229 A	18-03-2004	WO	2004022229 A1	18-03-2004
EP 1033161 A	06-09-2000	DE DE EP	19908023 A1 59909112 D1 1033161 A1	31-08-2000 13-05-2004 06-09-2000
EP 0714693 A	05-06-1996	JP JP JP JP JP JP EP	8141371 A 8164327 A 8168650 A 8168651 A 8168674 A 8196872 A 0714693 A1 5714130 A	04-06-1996 25-06-1996 02-07-1996 02-07-1996 02-07-1996 06-08-1996 05-06-1996 03-02-1998
EP 0947235 A	06-10-1999	JP EP	11342339 A 0947235 A1	14-12-1999 06-10-1999
EP 0577438 A	05-01-1994	JP JP JP JP JP US US DE JP JP	6071139 A 6114266 A 61142523 A 6154607 A 6154613 A 6178937 A 0577438 A2 5747410 A 5744111 A 69330222 D1 69330222 T2 3508066 B2 6190280 A 6238164 A 7163878 A	15-03-1994 26-04-1994 24-05-1994 03-06-1994 03-06-1994 28-06-1994 05-01-1994 05-05-1998 28-04-1998 21-06-2001 25-04-2002 22-03-2004 12-07-1994 30-08-1994 27-06-1995
US 3857921 A	31-12-1974	JP JP JP	49110590 A 49128865 A 49053156 A	21-10-1974 10-12-1974 23-05-1974
US 5593933 A	14-01-1997	NONE		
WO 0216014 A	28-02-2002	AU BR CA CN EP WO JP PL US	7762801 A 0113285 A 2418277 A1 1469771 T 1309390 A1 0216014 A1 2004506505 T 359186 A1 2003180196 A1	04-03-2002 15-07-2003 28-02-2002 21-01-2004 14-05-2003 28-02-2002 04-03-2004 23-08-2004 25-09-2003
EP 0671208 A	13-09-1995	JP CA DE DE EP US WO	3447384 B2 7163871 A 2150376 A1 69424766 D1 69424766 T2 0671208 A1 5804526 A 9509047 A1	16-09-2003 27-06-1995 06-04-1995 06-07-2000 28-09-2000 13-09-1995 08-09-1998 06-04-1995

Son.

Information on patent family members

/GB2004/003470

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
		<u></u>			L
EP 0671208 A		JP	2003181296	A	02-07-2003
				TI COLO	
	•				
					٠